Docket No.

245657US2S

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Toru TANZAWA

SERIAL NO: NEW APPLICATION

GAU:

FILED:

HEREWITH

EXAMINER:

FOR:

DIRECT FREQUENCY MODULATION APPARATUS WHICH MODULATES FREQUENCY BY APPLYING DATA-DEPENDENT VOLTAGE TO CONTROL TERMINAL OF VOLTAGE-CONTROLLED OSCILLATOR

WITHOUT MEDIACY OF PLL, AND COMMUNICATION SYSTEM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed
references are attached, where required, as are either statements of relevancy or any readily available English
translations of pertinent portions of any non-English language references.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present
application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s)
is attached along with PTO 1449.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

	Each item of information contained in this information disclosure statement was first cited in a communication
_	from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of
	this statement.

□ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

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22850

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Form PTO 1449		U.S. DEPARTMENT O		ATTY DOCKET NO.	SERIAL NO.						
(Modified)		PATENT AND TRADEMARK OFFICE		245657US2S	NEW APPLICATION						
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LIST OF REFERENCES CITED BY APPLICANT				Toru TANZAWA							
				FILING DATE		GROUP					
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U.S. PATENT DOCUMENTS											
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		OTHER RE	FERENCES	(Including Author, Title, Date, Pertiner	nt Pages, e	etc.)					
	AW	Aruna AJJIKUTTIRA, 6 SOLID-STATE CIRCU	et al., "A Fully ITS CONFER	Integrated CMOS RFIC for Bluetooth Ap ENCE DIGEST, February 2001, pp. 198	plication", -199	2001 IEE	INTERI	NATIONAL			
	АХ	Masaru KOKUBO, et a INTERNATIONAL SOI	II., "A 2.4GHz LID STATE C	RF Transceiver with Digital Channel-Sel RCUIT CONFERENCE DIGEST, Feb. 2	ection Filte 002, 3 pgs	er for Blueto	ooth", 20	02 IEEE			
	AY										
	AZ Additional References sheet(s)							sheet(s) attached			
Examiner Date Considered											
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											